

WHAT IS CLAIMED IS:

1. A projection type display device comprising
a light source for emitting a white light, a
reflecting means for reflecting the emitted light, a
5 color wheel comprising a plurality of color filter
sections of different colors for sequentially
separating the light from the light source into
different colors on the basis of rotative driving,
and a light valve for modulating the separated light,
10 the light from the light source being separated by
the color wheel, modulated by the light valve and
then projected, wherein the color wheel is disposed
in an area interposed between a light entering the
reflecting means and a light exiting the reflecting
15 means such that the light from the light source
passes through the color wheel in such a converged
shape as to pass through only a single color filter
section.

20 2. The projection type display device according
to claim 1, which is constructed such that an axis of
rotation of the color wheel is set so as not to be
parallel to an optical axis of the light passing
through the color wheel, and the light from the light
25 source is converged into the shape without
interfering with the color wheel.